



ALFAGOMMA de México S.A. de C.V.

**CATÁLOGO
MANGUERAS
HIDRÁULICAS**

// ALFABIOTECH 5000 PLUS - MINETUFF



MSHA

ISO 18752

Tube: oil resistant synthetic rubber and biodegradable hydraulic fluids.

Reinforcement: four high tensile steel spirals.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.

Temperature: -40 °C +121 °C (-40 °F +250 °F)

Length: random

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1001712	12	19,0	3/4"	31,0	1,22	38,0	5500	152,0	22040	180	7,09	1,266	0,86
1001713	16	25,0	1"	38,3	1,51	38,0	5500	152,0	22040	210	8,27	1,895	1,28

Etiquetas de fila	DESCRIPCION	STOCK	Precio de venta Sin IVA
1001713	(OBS)MANGUERAS HIDRAULICAS HH-ABT5KP-4S -16 DN025 AG	102	\$ 284.48

// 2SN EVOLUTION HT 150



SAE 100 R2AT - ISO 1436-1 - UNI EN 853 2SN

Tube: oil resistant synthetic rubber.

Reinforcement: two high tensile steel braids.

Cover: smooth up to 5/8", wrapped over 3/4". Abrasion, ozone and hydrocarbon resistant blue synthetic rubber.

Application: high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.

Specially designed for high temperature applications.

Not recommended for steam service.

Temperature: -40 °C +150 °C (-40 °F +300 °F)

air max T up to 5/8" = +85 °C (+185 °F),

air max T over 3/4" = +110 °C (+230 °F)

Length: random up to 5/8" - 61 m max over 3/4"

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1004524	4	6,0	1/4"	14,2	0,56	40,0	5850	160,0	23200	100	3,94	0,339	0,23
1004525	6	10,0	3/8"	18,4	0,72	33,0	4800	132,0	19200	125	4,92	0,480	0,33
1004526	8	13,0	1/2"	21,1	0,83	27,5	4000	110,0	16000	175	6,89	0,549	0,37
1004527	10	16,0	5/8"	24,5	0,96	25,0	3630	100,0	14500	200	7,87	0,689	0,47
1004528	12	19,0	3/4"	29,0	1,14	21,5	3120	86,0	12500	240	9,45	0,881	0,60
1004529	16	25,0	1"	37,4	1,47	16,5	2400	66,0	9600	300	11,81	1,364	0,92
1004533	20	32,0	1 1/4"	46,4	1,83	12,5	1820	50,0	7280	420	16,54	1,894	1,28
1004534	24	38,0	1 1/2"	52,8	2,08	9,0	1310	36,0	5240	500	19,69	2,129	1,44
1004535	32	51,0	2"	65,6	2,58	6,0	1200	32,0	4640	630	24,80	2,815	1,90

Etiquetas de fila	DESCRIPCION	STOCK	Precio de venta Sin IVA
1004535	HH-2SN EVOLUTION HT 150/BLU -32 DN051 AG	188	\$ 674.34

// FLEXOR 1SN/R1AT



SAE 100 R1AT - ISO 1436-1 - UNI EN 853 1SN

Tube: oil resistant synthetic rubber.**Reinforcement:** one high tensile steel braid.**Cover:** smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.**Application:** high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.**Temperature:** -40 °C +100 °C (-40 °F +212 °F)

air max T = +70 °C (+160 °F)

Length: random up to 1" - 61 m max over 1 1/4"

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1001331	4	6,0	1/4"	12,7	0,50	22,5	3250	90,0	13000	100	3,94	0,209	0,15
1001332	5	8,0	5/16"	14,2	0,56	21,5	3120	86,0	12500	115	4,53	0,240	0,17
1001333	6	10,0	3/8"	16,5	0,65	18,0	2610	72,0	10500	130	5,12	0,313	0,22
1001334	8	13,0	1/2"	19,9	0,78	16,0	2320	64,0	9280	180	7,09	0,372	0,26
1001335	10	16,0	5/8"	23,0	0,91	13,0	1900	52,0	7560	200	7,87	0,466	0,32
1001336	12	19,0	3/4"	27,0	1,06	10,5	1530	42,0	6000	240	9,45	0,560	0,38
1001337	16	25,0	1"	35,0	1,38	8,8	1280	35,2	5100	300	11,81	0,950	0,64
1001338	20	32,0	1 1/4"	42,1	1,66	6,3	920	25,2	3680	420	16,54	1,095	0,74
1001339	24	38,0	1 1/2"	49,2	1,94	5,0	730	20,0	2900	500	19,69	1,411	0,95
1001340	32	51,0	2"	62,4	2,46	4,0	600	16,0	2320	630	24,80	1,864	1,26

Etiquetas de fila	DESCRIPCION	STOCK	Precio de venta Sin IVA
1001338	MANGUERAS HIDRAULICAS HH-1SN/R1AT-HF -20 DN032 AG	16	\$ 181.13
1001339	MANGUERAS HIDRAULICAS HH-1SN/R1AT-HF -24 DN038 AG	31	\$ 1,174.50
1001340	MANGUERAS HIDRAULICAS HH-1SN/R1AT-HF -32 DN051 AG	31	\$ 274.02

// FLEXOPAK 2SC



EN 857 2SC - ISO 11237

Tube: oil resistant synthetic rubber.

Reinforcement: two high tensile steel braids.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.

Temperature: -40 °C +100 °C (-40 °F +212 °F)

air max T = +70 °C (+160 °F)

Length: random

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1000365	4	6,0	1/4"	13,0	0,51	40,0	5850	160,0	23200	75	2,95	0,255	0,18
1000366	5	8,0	5/16"	14,7	0,58	35,0	5000	140,0	20000	85	3,35	0,300	0,21
1000367	6	10,0	3/8"	16,5	0,65	33,0	4800	132,0	19200	90	3,54	0,370	0,25
1000368	8	13,0	1/2"	19,9	0,78	27,5	4000	110,0	16000	130	5,12	0,470	0,32
1000369	10	16,0	5/8"	23,4	0,92	25,0	3630	100,0	14500	170	6,69	0,596	0,41
1000370	12	19,0	3/4"	27,9	1,10	21,5	3120	86,0	12500	200	7,87	0,789	0,54
1000371	16	25,0	1"	34,9	1,37	16,5	2400	66,0	9600	250	9,84	1,155	0,78

Etiquetas de fila	DESCRIPCION	STOCK	Precio de venta Sin IVA
1000365	MANGUERAS HIDRAULICAS HH-2SC -04 DN006 AG2	7,664	\$ 60.27
1003343	MANGUERAS HIDRAULICAS HH-2SC -08 DN013 AG2	856	\$ 2.94
1000370	MANGUERAS HIDRAULICAS HH-2SC -12 DN019 AG2	848	\$ 117.07

// FLEXOPAK 2 - SUPERTUFF



MSHA

EN 857 2SC - ISO 11237 - SAE 100 R16

Tube: oil resistant synthetic rubber.**Reinforcement:** two high tensile steel braids.**Cover:** abrasion, ozone and hydrocarbon resistant synthetic rubber. Special "supertuff" cover for excellent abrasion resistance and long service life in heavy duty applications.**Application:** high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.**Temperature:** -40 °C +100 °C (-40 °F +212 °F)

air max T = +70 °C (+160 °F)

Length: random

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1000228	4	6,0	1/4"	13,0	0,51	42,0	6000	168,0	24000	50	1,97	0,275	0,19
1000213	5	8,0	5/16"	14,5	0,57	37,5	5500	150,0	22000	55	2,17	0,328	0,23
1000224	6	10,0	3/8"	16,8	0,66	35,0	5000	140,0	20000	65	2,56	0,393	0,27
1000225	8	13,0	1/2"	20,6	0,81	31,0	4500	124,0	18000	90	3,54	0,528	0,36
1000226	10	16,0	5/8"	23,2	0,91	28,0	4000	112,0	16000	100	3,94	0,622	0,42
1000227	12	19,0	3/4"	27,6	1,09	24,0	3500	96,0	14000	120	4,72	0,830	0,56
1000348	16	25,0	1"	35,5	1,40	21,0	3000	84,0	12000	150	5,91	1,300	0,88

Etiquetas de fila	DESCRIPCION	STOCK	Precio de venta Sin IVA
1000225	MANGUERAS HIDRAULICAS HH-FXP2-STF -08 DN013 AG	1,567	\$ 87.57
1000226	MANGUERAS HIDRAULICAS HH-FXP2-STF -10 DN016 AG	440	\$ 109.22
1000348	MANGUERAS HIDRAULICAS HH-FXP2-STF -16 DN025 AG	953	\$ 209.28

// FLEXOR 8



SAE 100 R8 - EN 855 R8

Tube: polyester.

Reinforcement: one/two braids of aramid fiber.

Cover: abrasion, ozone and hydrocarbon resistant polyurethane, pin-pricked.

Application: high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.

Temperature: -40 °C +100 °C (-40 °F +212 °F)
air max T = +70 °C (+160 °F)

Length: random

DH SCAN crimp short code: TP075

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1000295	4	6,0	1/4"	11,5	0,45	35,0	5000	140,0	20000	50	1,97	0,085	0,06
1000483	5	8,0	5/16"	13,4	0,53	30,0	4300	120,0	17450	55	2,17	0,105	0,08
1000296	6	10,0	3/8"	15,5	0,61	28,0	4000	112,0	16000	60	2,36	0,135	0,10
1000416	8	13,0	1/2"	19,9	0,78	24,5	3500	98,0	14000	80	3,15	0,200	0,14

Etiquetas de fila	DESCRIPCION	STOCK	Precio de venta Sin IVA
1000295	MANGUERAS HIDRAULICAS HH-R8 -04 DN006 AG PIN	416	\$ 107.82
1000296	MANGUERAS HIDRAULICAS HH-R8 -06 DN010 AG PIN	442	\$ 153.30
1000416	MANGUERAS HIDRAULICAS HH-R8 -08 DN013 NSF PIN	627	\$ 206.66

// FLEXOPAK PLT



Tube: oil resistant synthetic rubber.

Reinforcement: one high tensile steel braid.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: medium pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.

Specially designed for hydraulic pilot lines.

Temperature: -40 °C +100 °C (-40 °F +212 °F)

air max T = +70 °C (+160 °F)

Length: random

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1000274	3	5,0	3/16"	9,6	0,38	12,0	1750	48,0	7000	20	0,79	0,111	0,08
1000097	4	6,0	1/4"	11,4	0,45	12,0	1750	48,0	7000	30	1,18	0,150	0,11
1000475	5	8,0	5/16"	13,0	0,51	12,0	1750	48,0	7000	40	1,57	0,180	0,13
1000476	6	10,0	3/8"	14,7	0,58	12,0	1750	48,0	7000	60	2,36	0,220	0,15
1000347	8	13,0	1/2"	17,8	0,70	12,0	1750	48,0	7000	80	3,15	0,230	0,16

Etiquetas de fila	DESCRIPCION	STOCK	Precio de venta Sin IVA
1000347	MANGUERAS HIDRAULICAS HH-PLT -08 DN013 AG	551	\$ 41.38

// FLEXOR 2SN/R2AT



SAE 100 R2AT - ISO 1436-1 - UNI EN 853 2SN

Tube: oil resistant synthetic rubber.

Reinforcement: two high tensile steel braids.

Cover: smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.

Temperature: -40 °C +100 °C (-40 °F +212 °F)

air max T = +70 °C (+160 °F)

Length: random up to 1" - 61 m max over 1 1/4"

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1001341	3	5,0	3/16"	13,0	0,51	42,0	6000	168,0	24000	90	3,54	0,282	0,19
1001342	4	6,0	1/4"	14,2	0,56	40,0	5850	160,0	23200	100	3,94	0,330	0,23
1001343	5	8,0	5/16"	15,8	0,62	35,0	5000	140,0	20000	115	4,53	0,357	0,24
1001344	6	10,0	3/8"	18,2	0,72	33,0	4800	132,0	19200	125	4,92	0,460	0,31
1001345	8	13,0	1/2"	21,3	0,84	27,5	4000	110,0	16000	175	6,89	0,534	0,36
1001346	10	16,0	5/8"	24,5	0,96	25,0	3630	100,0	14500	200	7,87	0,670	0,46
1001347	12	19,0	3/4"	28,6	1,13	21,5	3120	86,0	12500	240	9,45	0,895	0,61
1001348	16	25,0	1"	36,6	1,44	16,5	2400	66,0	9600	300	11,81	1,250	0,85
1001349	20	32,0	1 1/4"	46,4	1,83	12,5	1820	50,0	7280	420	16,54	1,852	1,25
1001350	24	38,0	1 1/2"	52,8	2,08	9,0	1310	36,0	5240	500	19,69	2,086	1,41
1001351	32	51,0	2"	65,6	2,58	8,0	1200	32,0	4640	630	24,80	2,748	1,85

Etiquetas de fila	DESCRIPCION	STOCK	Precio de venta Sin IVA
1001350	MANGUERAS HIDRAULICAS HH-2SN/R2AT-HF-24 DN038 AG	1,529	\$ 205.50

// FLEXOR 2SN/R2AT - MINETUFF



MSHA

SAE 100 R2AT - ISO 1436-1 - UNI EN 853 2SN

Tube: oil resistant synthetic rubber.

Reinforcement: two high tensile steel braids.

Cover: smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.

Temperature: -40 °C +100 °C (-40 °F +212 °F)

air max T = +70 °C (+160 °F)

Length: random up to 1" - 61 m max over 1 1/4"

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1002467	4	6,0	1/4"	14,2	0,56	40,0	5850	160,0	23200	100	3,94	0,330	0,23
1002468	5	8,0	5/16"	15,8	0,62	35,0	5000	140,0	20000	115	4,53	0,353	0,24
1002469	6	10,0	3/8"	18,2	0,72	33,0	4800	132,0	19200	125	4,92	0,463	0,32
1002470	8	13,0	1/2"	21,3	0,84	27,5	4000	110,0	16000	175	6,89	0,530	0,36
1002471	10	16,0	5/8"	24,5	0,96	25,0	3630	100,0	14500	200	7,87	0,663	0,45
1002472	12	19,0	3/4"	28,6	1,13	21,5	3120	86,0	12500	240	9,45	0,852	0,58
1002473	16	25,0	1"	36,6	1,44	16,5	2400	66,0	9600	300	11,81	1,224	0,83
1002498	20	32,0	1 1/4"	46,0	1,81	12,5	1820	50,0	7280	420	16,54	1,769	1,19
1002474	24	38,0	1 1/2"	52,8	2,08	9,0	1310	36,0	5240	500	19,69	2,030	1,37
1002475	32	51,0	2"	65,6	2,58	8,0	1200	32,0	4640	630	24,80	2,760	1,86

Etiquetas de fila	DESCRIPCION	STOCK	Precio de venta Sin IVA
1002498	MANGUERAS HIDRAULICAS HH-2SN/R2AT-MT -20 DN032 AG	302	\$ 190.22

// ALFABIOTECH EVOLUTION 5000 PLUS - MINETUFF **NEW**



MSHA

ISO 18752

Tube: petroleum and biodegradable hydraulic fluid resistant synthetic rubber.

Reinforcement: four high tensile steel spirals.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: very high pressure hydraulic lines, fuel, oil, lubricants, antifreeze solution, air and water.

Specially designed for long service life in very demanding applications where compact design, high pulsating pressure and tight bend radius are required.

Temperature: -40 °C +121 °C (-40 °F +250 °F)

Length: random

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1004749	12	19,0	3/4"	30,2	1,19	38,0	5500	152,0	22040	120	4,72	1,276	0,86
1004750	16	25,0	1"	37,4	1,47	38,0	5500	152,0	22040	150	5,91	1,817	1,23

Etiquetas de fila	DESCRIPCION	STOCK	Precio de venta Sin IVA
1004749	MANGUERAS HIDRAULICAS HH-ABT5KP-4S -12 DN019 AG	972	\$ 221.84



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